

Title (en)

AN AUTOMATED IMAGING SYSTEM FOR OBJECT FOOTPRINT DETECTION AND A METHOD THEREOF

Title (de)

AUTOMATISCHES ABBILDUNGSSYSTEM ZUR ERFASSUNG DER STANDFLÄCHE EINES OBJEKTS UND VERFAHREN DAFÜR

Title (fr)

SYSTÈME D'IMAGERIE AUTOMATISÉ POUR LA DÉTECTION D'EMPREINTE D'OBJET ET PROCÉDÉ ASSOCIÉ

Publication

EP 4141789 A1 20230301 (EN)

Application

EP 22193217 A 20220831

Priority

IN 202121039487 A 20210831

Abstract (en)

The present disclosure provides for a system for facilitating a completely automated process that may directly fetch an imagery of a given location and area from any mapping module and extract a plurality of objects in the given imagery. Further, a deep learning-based object segmentation such as but not limited to a cascaded reverse mask RCNN framework method may generate a set of predefined vectors associated with the image. The system may be configured to automate the generation of the predefined vectors based on the image received from the image sensing assembly.

IPC 8 full level

G06T 7/10 (2017.01); **G06T 17/05** (2011.01); **G06V 10/46** (2022.01); **G06V 10/82** (2022.01); **G06V 20/10** (2022.01); **G06V 20/13** (2022.01)

CPC (source: EP US)

G06F 16/29 (2018.12 - US); **G06T 7/11** (2016.12 - EP); **G06T 17/05** (2013.01 - EP); **G06V 10/469** (2022.01 - EP); **G06V 10/774** (2022.01 - US); **G06V 10/82** (2022.01 - EP); **G06V 20/13** (2022.01 - EP US); **G06V 20/176** (2022.01 - EP US); **G06T 2207/20084** (2013.01 - EP); **G06V 10/44** (2022.01 - EP); **G06V 20/70** (2022.01 - EP)

Citation (search report)

- [XP] EP 3889833 A1 20211006 - HERE GLOBAL BV [NL]
- [E] EP 4068210 A1 20221005 - INFOSYS LTD [IN]
- [A] CN 112949407 A 20210611 - UNIV WUHAN
- [A] CN 112084872 A 20201215 - UNIV ZHEJIANG TECHNOLOGY

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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